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## DIRECTOR OF CENTRAL INTELLIGENCE Technology Transfer Intelligence Committee

TTIC-C-060 30 August 1982

MEMORANDUM FOR: Deputy Director of Central Intelligence

SUBJECT: TTIC Survey of Technology Transfer Resources

1. Attached are the results of a survey conducted by the TTIC to determine past, present, and future resources devoted to the technology transfer problem. This survey was undertaken because of Senate Select Committee on Intelligence (SSCI) concerns about the adequacy of Intelligence Community (IC) efforts in this area which were first raised in the confirmation hearings for both Mr. Casey and Admiral Inman. Also, we believe that such a survey will better prepare IC managers for future resource programming exercises.

In response to the questions raised in the confirmation hearings, The Summary Report on Technology Transfer to Communist Countries and the Intelligence Community's Role and Effectiveness was submitted by the Director of Central Intelligence to the SSCI in October 1981. In his covering letter, Mr. Casey assigned Admiral Inman the task of determining the adequacy of IC resources. In a 17 December 1981 letter from the SSCI, a number of questions were raised and requests made. Among these was the following: "Please report on the status of the improvement measures outlined in the generally excellent October 1981 report, including the resources and effort you are currently programming." A response sent in late January dealt in a general way with this issue. Among other things, it discussed the organization and early activities of TTIC. A subsequent request by the SSCI included reference to the October report and its allusions to the inadequacy of resources and asked: "How far have we come in finding sufficient resources to assign to the technology transfer problem?" An interim answer, prepared in early March, "Several agencies have reassigned personnel or reorganized existing resources to better cope with the technology transfer problem. CIA, DIA, and the FBI have established dedicated organizations in this manner. The military services are presently reviewing their current capabilities to address the problem. There have been no steps taken yet to create new resources and the problem which is already large and complex continues to grow."

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3. The results of the new TTIC survey should help you address the DCI's original task in the Summary Report and to answer in quantitative terms the SSCI's questions about resources. Completing the survey was a difficult task because technology transfer is not a line item in the National Foreign Intelligence Program. The resources are hard to identify and the numbers we developed are the result of a good deal of work by our members and their programming and budgeting personnel.

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5. The resources identified in our tables reflect bureaucratic realities for the forthcoming fiscal years; that is, they are estimates of what is possible to achieve in the programming and budgeting cycles. Unfortunately, the technology transfer problem is here today and adequate resources for the Community to deal with it—in our estimation—will not be available until FY 85. To get a better appreciation for current needs, I asked the members to provide me with resource estimates for the expected FY 83 workload, i.e., those resources that deep down they thought were necessary to do the work with which they are presently faced. The responses indicated that additional work-years and an additional for contracts are needed in FY 83 (see table 8). These numbers are even larger than those shown in Table 1 for FY 85! By far the largest portions of the needed increase in both the work-years and contract dollars are for analysis for contracts).

6. I do not believe the "estimated" needs are unrealistic, particularly in terms of the current workload and increasing demands of high-level consumers for more and better intelligence support. Furthermore, the U.S. Government has recently shifted its emphasis on the technology transfer problem to countermeasure actions, a move that will add even greater demands in the export control and counterintelligence areas. The TTIC-estimated FY 83 resource needs is another way of saying: The technology transfer problem is here today--give us the resources to do the job now and not wait until the budget cycle runs its course in FY 85.

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assigned the DDCI in the Summar definitive answer on this topic recommend that you have the IC	survey should satisfy the original DCI task by Report and the SSCI's requests for a c. However, before forwarding it to the SSCI, I staff advise you on the short-term be for ameliorating the current resource	
•	Chairman	STAT
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## **BACKGROUND**

- 1. Scope of Survey This Intelligence Community survey includes only those NFIB resources devoted to covering the transfer of Western Technology to the Soviet Union, Eastern Europe, China and other Communist countries through all mechanisms, whether legal or illegal.
- 2. Work-Years Do not necessarily equate to numbers of people. One work year often is the summation of the part-time efforts of several people.
- 3. Accuracy of Numbers Figures given are estimates. There is no line item in the National Foreign Intelligence Program for Technology Transfer. Increases shown for FY82 over 81 and FY83 over 82 for the most part indicate reprogramming of available resources. Increases shown for 84 and 85 primarily reflect requests for additional resources.



5. FBI - The Bureau was unable to participate in this survey.

